

Hand Blowers

The No. 200 Silent Blower is the most practical and efficient blast producing machine on the market. No complicated bearings to run dry, cut, wear out and cause trouble. All shafts and pinions are run in long journal bearings in a solid dust and leak-proof gear case.

The same amount of gear surface is always in mesh, so that even distribution of strain is maintained. This gives a smooth, easy, noiseless rotation, without friction, wear, loose motion or back lash. The lower or high speed pinion runs in a bath of oil, lubricating all other working parts by splashing.

The fan is hung to one side of the case almost completely clearing the delivery channel, which not only increases, but insures delivery of air to the fullest capacity steadily and constantly.

No. 200—Silent Blower—12-inch fan.....Each \$37.00

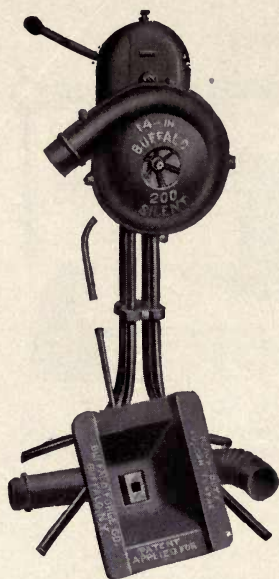
No. 200—Silent Blower—14-inch fan.....Each 44.00

No. 200—Silent Blower—16-inch fan.....Each 48.00

These prices include "Vulcan" heavy-duty tuyere iron and pipe connections.

Weight of blower, 100 pounds.

Weight of tuyere iron, 56 pounds.



No. 200—Fig. 777

Portable Forges

No. 625—Rivet Forge is the standard for railroads, ship builders, boiler makers, machine shops, bridge builders and structural iron workers.

Wherever an outdoor portable forge is required this machine will give perfect satisfaction. It requires little or no attention.

The working parts are all enclosed in a dust-proof and weather-proof case, so that it cannot suffer from exposure to the weather.

The wind shield and blower can be detached and packed in the fire pan and the legs removed for convenience in transportation and may be reassembled in a few minutes.

No. 625—18-inch fire pan, weight, 110 lbs....Each \$35.00



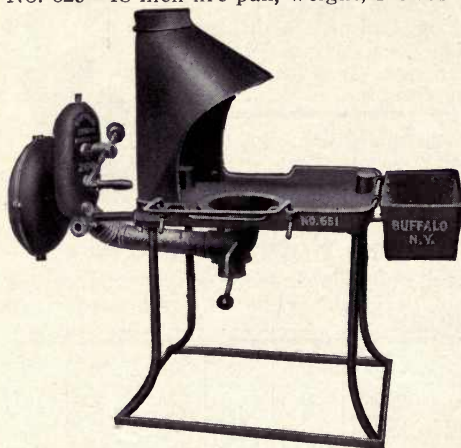
"The Rivet Forge"
No. 625—Fig. 778

No. 651—This forge is built of heavy cast iron, with careful distribution of metal at each point of strain. The iron legs are securely braced with iron straps, making the base steady and strong.

The ideal horseshoer's forge. It meets his every requirement and still has capacity to spare. It occupies but a small space and can easily be shifted to the most convenient place. Above all, it is an easy, quick heater.

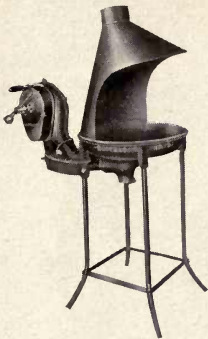
No. 651—23x30-inch fire pan, complete with water tank, weight, 205 pounds.....Each \$44.00

No. 651—23x30-inch fire pan, complete without water tank, weight, 195 pounds.....Each 40.00



No. 651—Fig. 779

Portable Forges



No. 131—Fig. 780

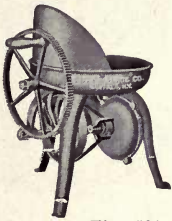
No. 131—This forge is built of heavy cast iron. The legs are rigidly braced, giving strength of support. Heavy sheet iron half hood. A good forge for toolmakers, jewelers, repairing, tempering, etc.

No. 131—22-inch fire pan, weight, 135 pounds..Each \$30.00

Bench Forges

No. 7—This forge is intended for light work and is to be placed upon a bench when in use. It will produce a welding heat on 1-inch iron in 10 minutes and is especially adapted for jewelers, tinsmiths and farmers.

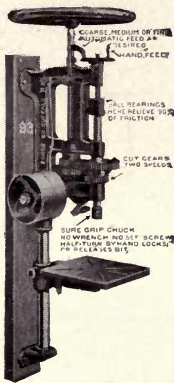
No. 7—15-inch fire pan, weight, 40 pounds....Each \$16.00



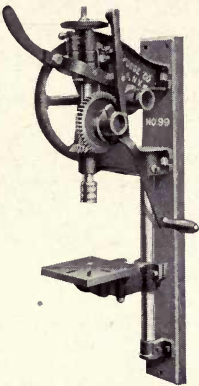
No. 7—Fig. 781

Blacksmiths' Post Drills

BALL-BEARING



No. 93A—Fig. 782



No. 99—Fig. 783



No. 152—Fig. 784

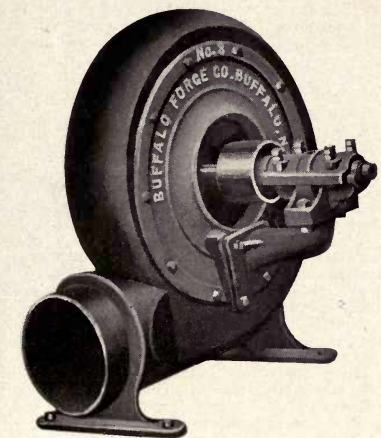
No. 93A—Automatic and hand feed. Ball bearing. Two speeds. Hand and power. Drills holes up to 1½ inches. Drills to center of 22-inch circle. Feed has a run of 6¼ inches. Table has a run of 21 inches. "Sure Grip" chuck bored for ¼-inch shank drills. Length over all, 66 inches. Weight, 395 pounds.....Each \$40.00

Tight and loose pulleys, 8x3 inches. Ordinary speed, 175 revolutions.

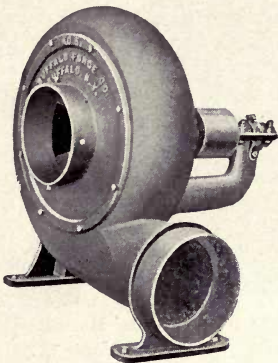
No. 99 —Automatic and hand feed. Ball bearing. Two speeds. For hand only. Drills holes up to 1¼ inches. Drills to center of 15½-inch circle. Feed has a run of 3 inches. Table has a run of 12 inches. "Sure Grip" chuck bored for ¼-inch shank drills. Length over all, 40 inches. Weight, 125 pounds.....Each \$18.00

No. 152—Automatic and hand feed. Ball bearing. Three speeds. For hand only. Drills holes up to 1¼ inches. Drills to center of 14-inch circle. Feed has a run of 3 inches. Table has a run of 12 inches. "Improved" chuck bored for ¼-inch shank drills. Length over all, 38 inches. Weight, 80 pounds.....Each \$10.00

Buffalo "B" Volume Blowers and Exhausters



VOLUME BLOWER
RIGHT HAND, BOTTOM HORIZONTAL
DISCHARGE
Fig. 787



VOLUME EXHAUSTER
RIGHT HAND, BOTTOM HORIZONTAL
DISCHARGE
Fig. 788

The shell and brackets of these Blowers and Exhausters are cast-iron, amply strong, smoothly finished and graceful in outline. The detachable side plates are of such diameter as to permit the removal of the wheel through the side of the shell.

The bearings are long, self-oiling, self-aligning in every direction, and finely finished.

The wheel is given a running balance, being perfectly smooth and quiet in operation.

The Blowers are useful wherever a large volume of air at moderate pressure is desired, hence are applicable for creating forced draft for boilers, bagasse furnaces, hollow-blast grates, garbage furnaces, tan bark and refuse burning, forge fires and heating furnaces, producer gas plants, etc.

The Exhausters are especially adapted to handling gritty dust, such as comes from emery wheels, grinding and buffing hoods, tumbling barrels, and rattlers; also for the removal of smoke from forge fires, steam from cooking vats or kettles, and for exhaust ventilation of offices, toilet rooms, and underground passages. They are constructed with special wheel of non-corrosive material for handling fumes and gases common to chemical works, varnish factories, refineries, and laboratories.

Trade Number	Price, Each	Outlet of Blower, Inches	Inlet of Exhauster, Inches	Outlet of Exhauster, Inches	Pulley		Weight of Blower, Pounds	Weight of Exhauster, Pounds
					Diameter, Inches	Face, Inches		
1	\$20.00	4 $\frac{1}{2}$	5 $\frac{1}{2}$	4 $\frac{1}{2}$	3	2 $\frac{1}{2}$	55	60
2	25.00	6 $\frac{1}{8}$	6 $\frac{1}{8}$	6 $\frac{1}{8}$	3 $\frac{1}{4}$	2 $\frac{5}{8}$	95	100
3	33.00	7 $\frac{1}{8}$	7 $\frac{1}{2}$	7 $\frac{1}{8}$	4	3 $\frac{1}{4}$	155	170
4	44.00	9	9	9	5	4	190	200
5	55.00	10 $\frac{5}{8}$	10 $\frac{5}{8}$	10 $\frac{3}{4}$	5 $\frac{3}{4}$	4 $\frac{1}{2}$	265	275
6	70.00	11	12 $\frac{1}{8}$	11	6 $\frac{1}{4}$	5 $\frac{1}{2}$	365	380
7	90.00	14	14	14	7 $\frac{1}{2}$	6 $\frac{1}{2}$	550	575
8	150.00	16 $\frac{3}{8}$	16	16 $\frac{3}{8}$	8 $\frac{1}{2}$	7 $\frac{1}{2}$	700	725
9	200.00	17 $\frac{1}{2}$	17 $\frac{1}{4}$	17 $\frac{1}{4}$	9 $\frac{1}{2}$	8 $\frac{1}{2}$	1050	1100
10	250.00	21	21	21	12	10	1600	1600
11	350.00	24 $\frac{1}{2}$	24 $\frac{1}{2}$	24 $\frac{1}{2}$	14	12	3200	3200

Trade number, price, and pulley dimensions refer to either Blower or Exhauster.